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Majuro, Marshall Islands 96960

November 20, 1969

Mr. William A. Bonnet
Manager HAO
U.S. Atomic Energy Commission
P.O. Box 580
Honolulu, Hawaii 96809

Through: DistAd Marshalls

REPOSITORY

DOE/PASO

COLLECTION

DOE/NV

BOX No.

1227; "ERDA # 2"

FOLDER

BIKINI SURVEY
NOV & DEC / 1969

Dear Bill:

We need an official radio-active safety evaluation of the suitability of the ground water on Bikini for human consumption. We also need a check for bacterial contamination.

We feel that we should have more than one sample from one location, before we can state without reservation that the ground water on Eneu and Bikini Islands is safe for human consumption.

As you know, the water samples which were sent to the Honolulu AEC office for analysis over two months ago, arrived there at the wrong temperature. It was therefore impossible to make a meaningful analysis.

Can your office help us by furnishing the necessary information and instructions involved in gathering and shipping water samples?

We feel that the official evaluation should be done before the people on Bikini use any of the ground water.

I am sure that the question of safety of the ground water will be brought up by the Bikini people, and perhaps outsiders. We should all be prepared to answer this important question unequivocally.

A special ship will be leaving Bikini soon. It would be possible to bring water samples back to Kwajalein on the return trip.

Your assistance will be greatly appreciated.

cc DistAd

Actg Chief Com Dev T.T.

DistAd Rep Bikini

Sincerely,

Jack A. Tobin
Bikini Rehab Proj Coordinator Marshalls

U. S. PUBLIC HEALTH SERVICE
Southwestern Radiological Health Laboratory
P.O. Box 580
HONOLULU, HAWAII, 96809

SAMPLING PROCEDURE FOR COLLECTING GROUND WATER SAMPLES FOR RADIO-ACTIVE
SAFETY EVALUATION.

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- I. The sample containers supplied are to be used. Each sample shall consist of approximately one gallon of water which is the volume of each sample container.
- II. One sample should be taken from each source of ground water on ENEU and ~~the other~~ Bikini islands.
- III. The funnel and container used to transfer the ground water to the sample container shall be rinsed with the distilled water supplied before each sample is taken.
- IV. Mark each container with the sample location and date of collection.

Re-addressed -- Labels are ~~pre~~ attached to each container.

Return samples as soon as possible after collection.

*6 containers, funnel and 1 gal distilled water
are being air mailed to you at
Mayaguez this week.*